

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050123\
 Data File : VX035440.D
 Acq On : 01 May 2023 15:08
 Operator : JC/MD
 Sample : 02558-05
 Misc : 4.49g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P001-SS012-0006-01

Quant Time: May 02 00:00:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

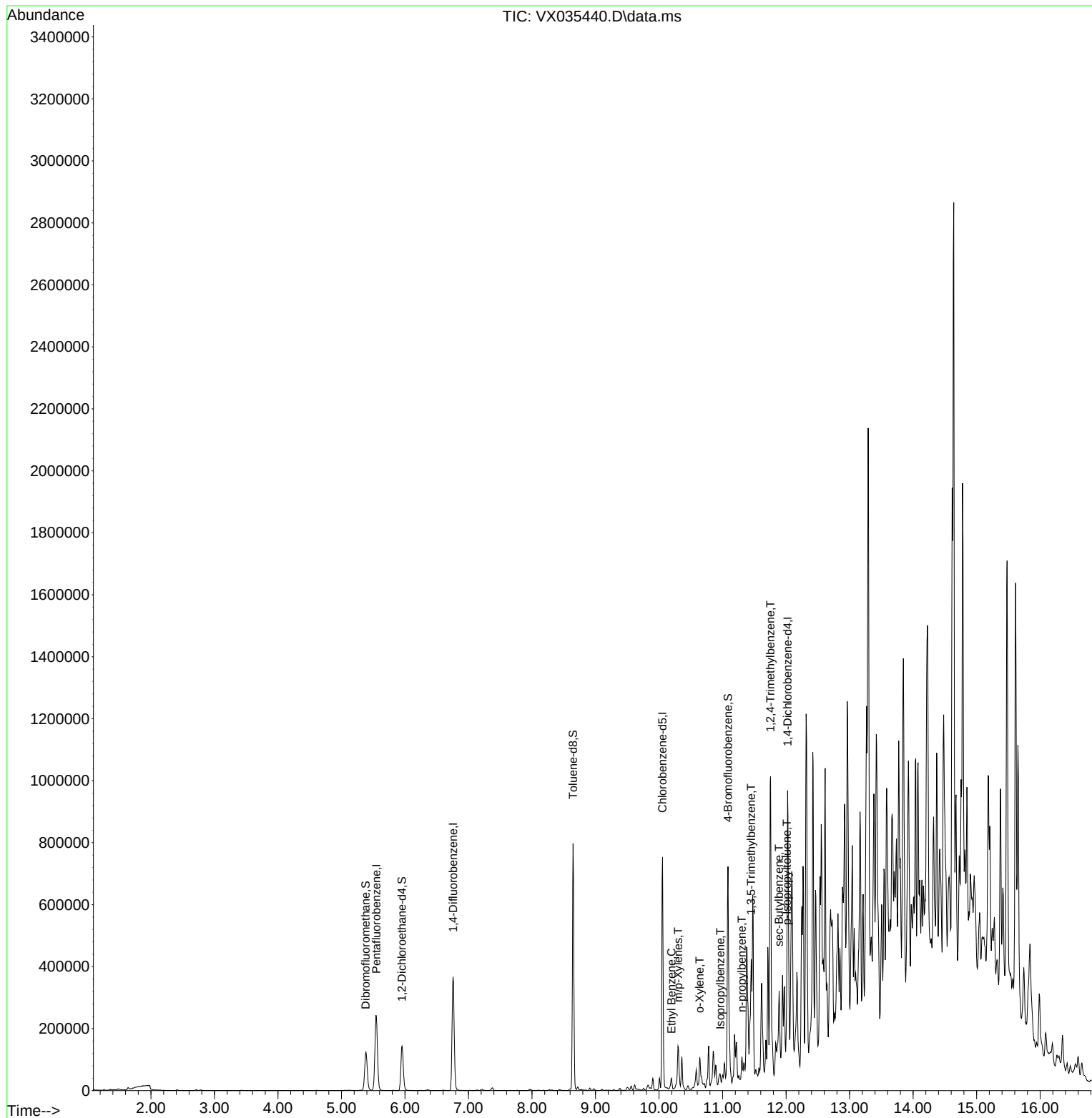
Internal Standards						
1) Pentafluorobenzene	5.550	168	237023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	388045	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	360217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	171813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	141123	49.352	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.700%
35) Dibromofluoromethane	5.379	113	109360	45.917	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.840%
50) Toluene-d8	8.647	98	464147	51.660	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.320%
62) 4-Bromofluorobenzene	11.085	95	177288	52.455	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.900%
Target Compounds						
					Qvalue	
67) Ethyl Benzene	10.195	91	17900	1.326	ug/l	99
68) m/p-Xylenes	10.299	106	31659	6.122	ug/l	100
69) o-Xylene	10.640	106	22067	4.351	ug/l	95
73) Isopropylbenzene	10.963	105	14043	1.118	ug/l	99
78) n-propylbenzene	11.305	91	51684	3.583	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	154982	14.635	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	423189	39.772	ug/l	99
85) sec-Butylbenzene	11.890	105	40853	3.134	ug/l	83
86) p-Isopropyltoluene	12.012	119	37777	3.408	ug/l	99

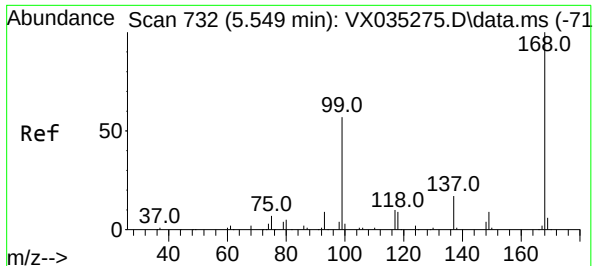
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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P001-SS012-0006-01

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Quant Title : SW846 8260
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Response via : Initial Calibration

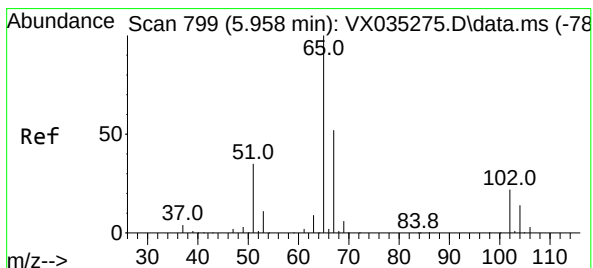
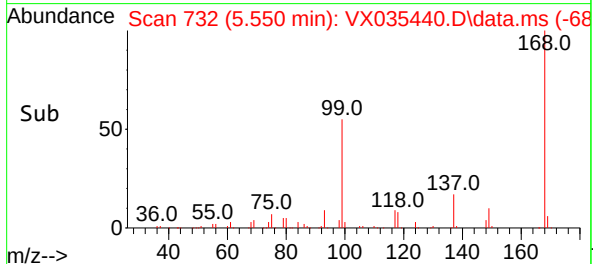
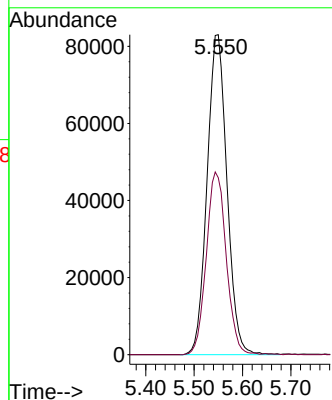
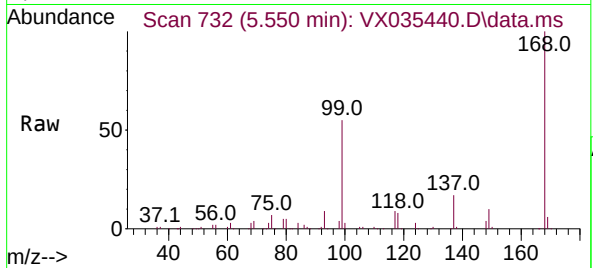




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035440.D
Acq: 01 May 2023 15:08

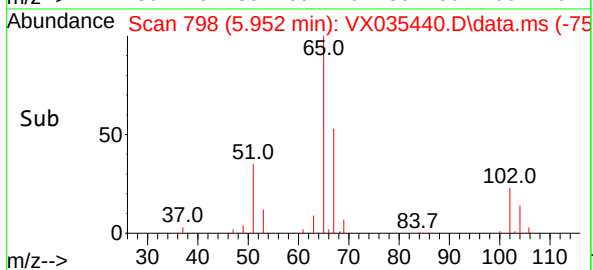
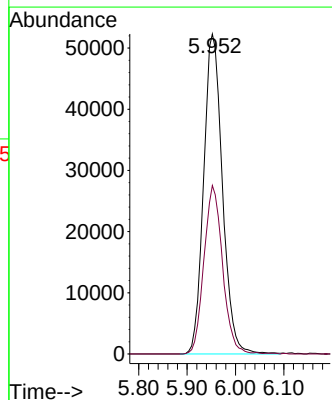
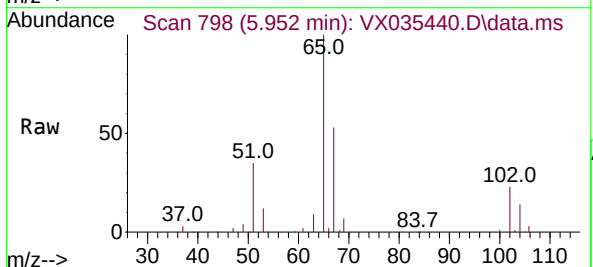
Instrument :
MSVOA_X
ClientSampleId :
P001-SS012-0006-01

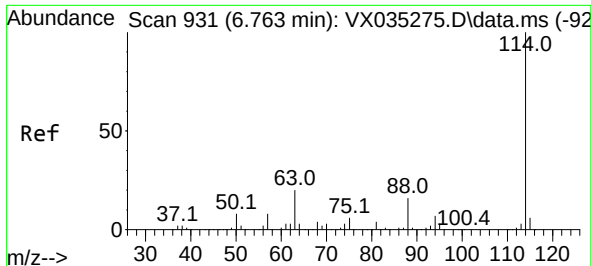
Tgt Ion:168 Resp: 237023
Ion Ratio Lower Upper
168 100
99 55.3 45.7 68.5



#33
1,2-Dichloroethane-d4
Concen: 49.352 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035440.D
Acq: 01 May 2023 15:08

Tgt Ion: 65 Resp: 141123
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.0

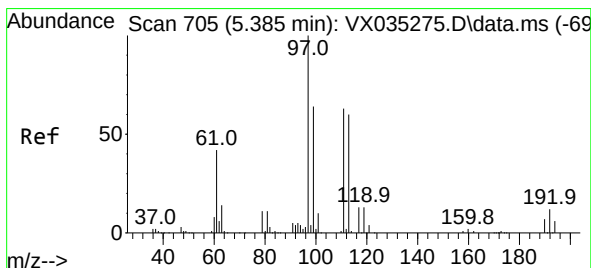
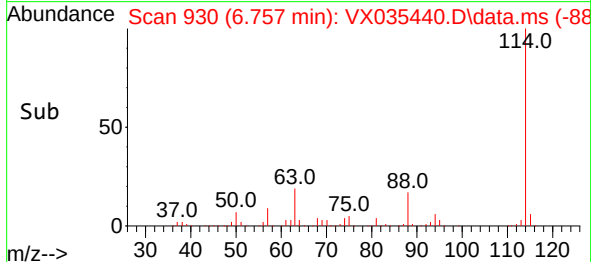
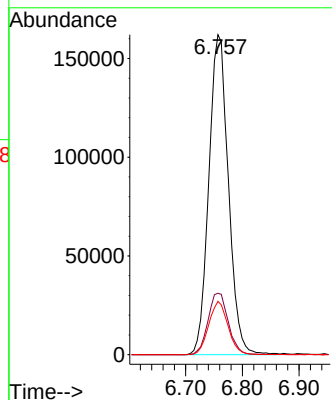
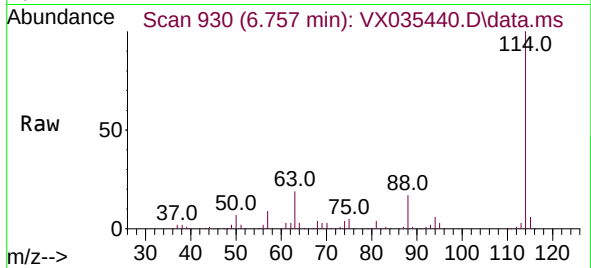




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX035440.D
Acq: 01 May 2023 15:08

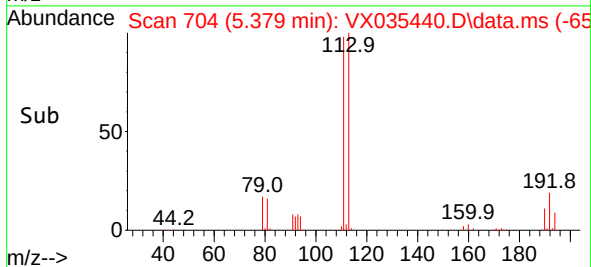
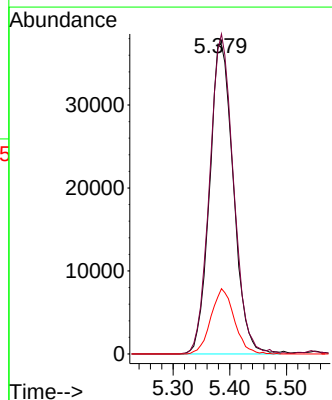
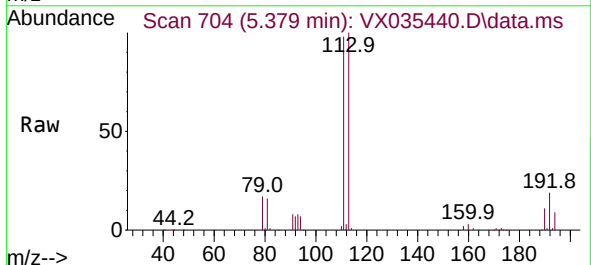
Instrument :
MSVOA_X
ClientSampleId :
P001-SS012-0006-01

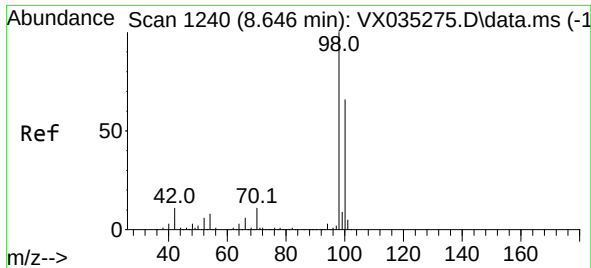
Tgt Ion:114 Resp: 388045
Ion Ratio Lower Upper
114 100
63 19.2 0.0 42.2
88 16.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 45.917 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX035440.D
Acq: 01 May 2023 15:08

Tgt Ion:113 Resp: 109360
Ion Ratio Lower Upper
113 100
111 103.3 83.7 125.5
192 20.6 15.4 23.2

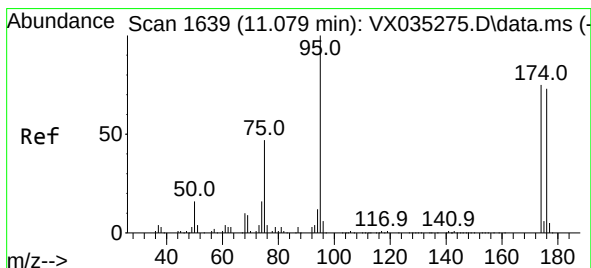
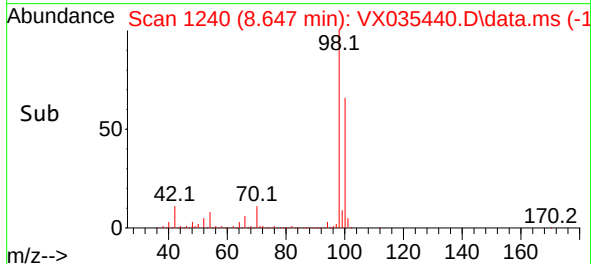
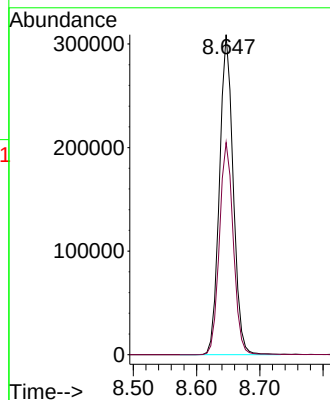
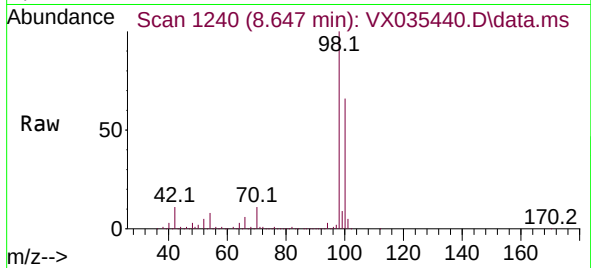




#50
Toluene-d8
Concen: 51.660 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035440.D
Acq: 01 May 2023 15:08

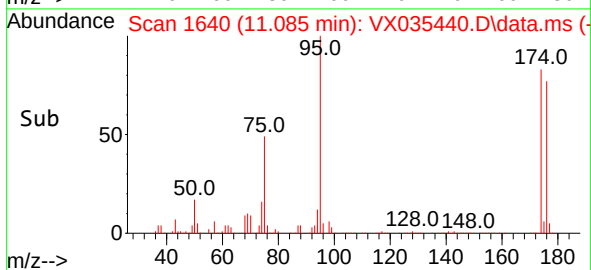
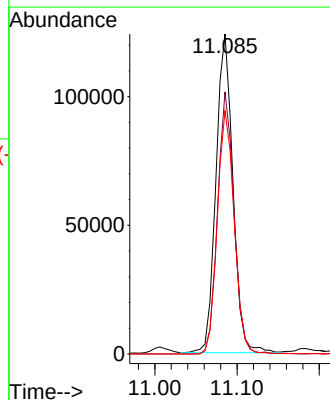
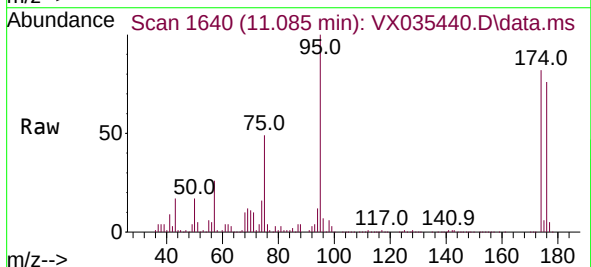
Instrument :
MSVOA_X
ClientSampleId :
P001-SS012-0006-01

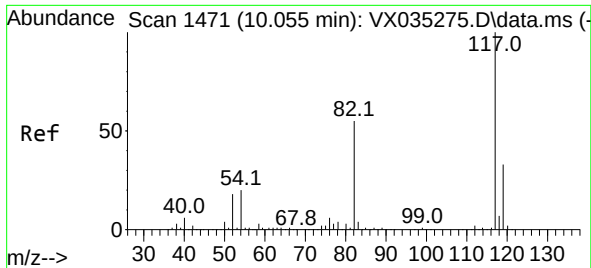
Tgt Ion: 98 Resp: 464147
Ion Ratio Lower Upper
98 100
100 67.2 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 52.455 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX035440.D
Acq: 01 May 2023 15:08

Tgt Ion: 95 Resp: 177288
Ion Ratio Lower Upper
95 100
174 79.6 0.0 147.4
176 75.9 0.0 140.6

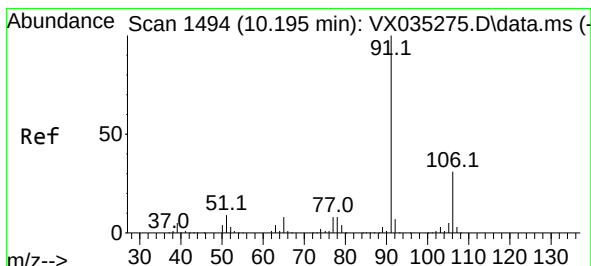
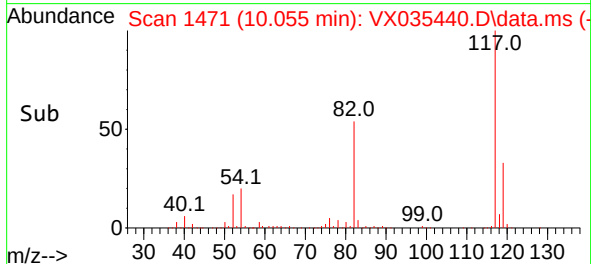
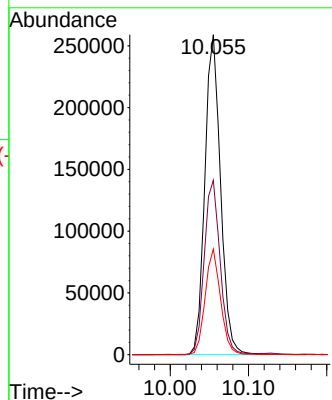
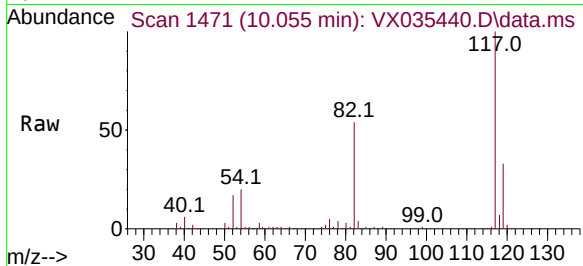




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035440.D
Acq: 01 May 2023 15:08

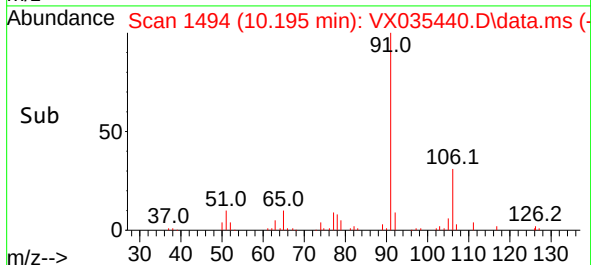
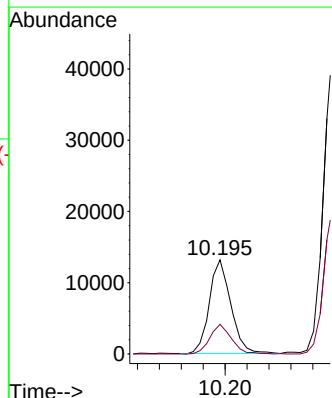
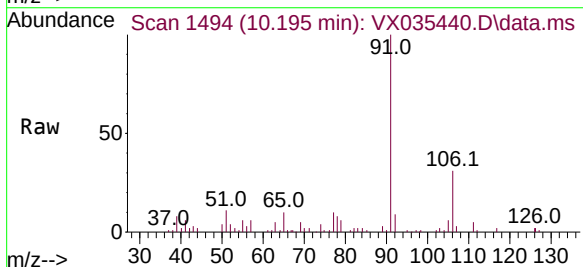
Instrument :
MSVOA_X
ClientSampleId :
P001-SS012-0006-01

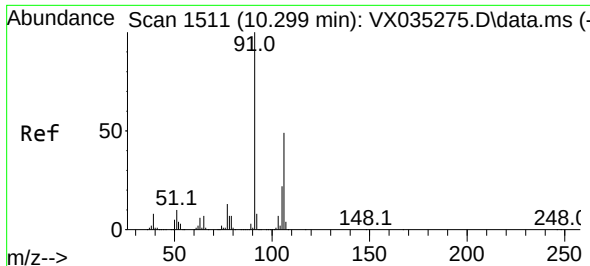
Tgt Ion:117 Resp: 360217
Ion Ratio Lower Upper
117 100
82 54.4 45.0 67.4
119 33.0 26.0 39.0



#67
Ethyl Benzene
Concen: 1.326 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035440.D
Acq: 01 May 2023 15:08

Tgt Ion: 91 Resp: 17900
Ion Ratio Lower Upper
91 100
106 31.6 25.6 38.4

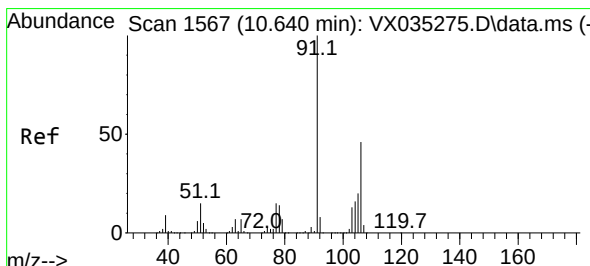
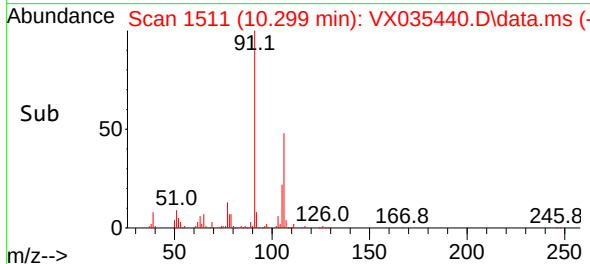
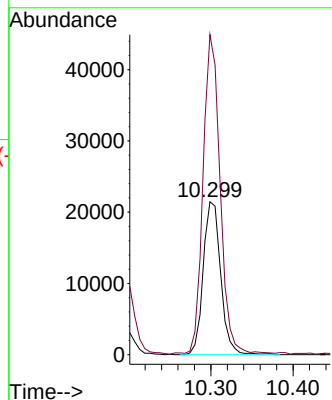
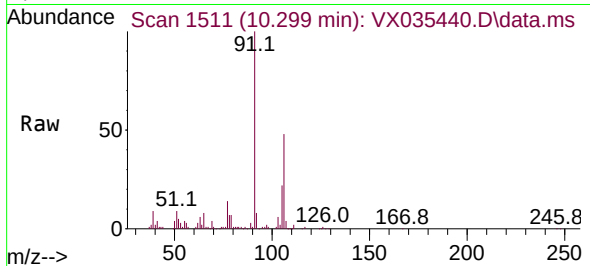




#68
m/p-Xylenes
Concen: 6.122 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035440.D
Acq: 01 May 2023 15:08

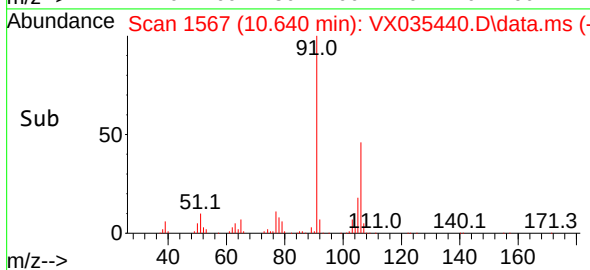
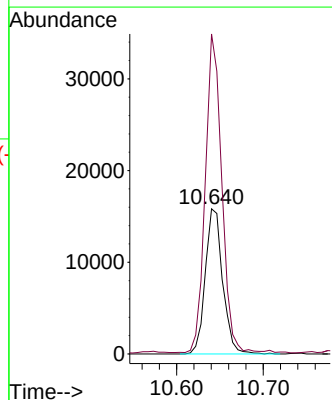
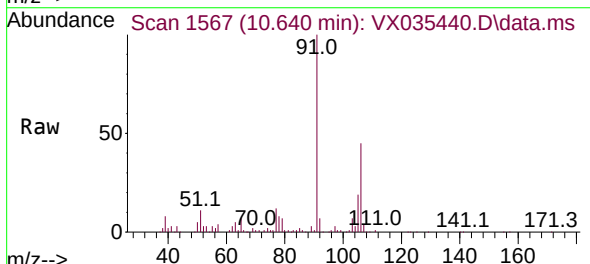
Instrument :
MSVOA_X
ClientSampleId :
P001-SS012-0006-01

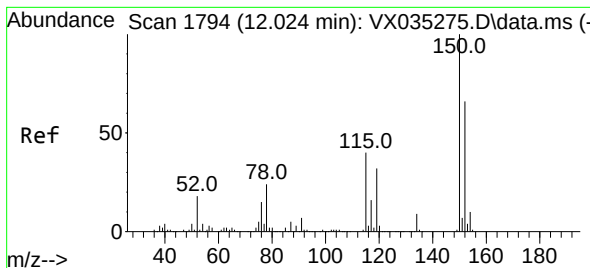
Tgt Ion:106 Resp: 31659
Ion Ratio Lower Upper
106 100
91 204.8 164.0 246.0



#69
o-Xylene
Concen: 4.351 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035440.D
Acq: 01 May 2023 15:08

Tgt Ion:106 Resp: 22067
Ion Ratio Lower Upper
106 100
91 209.2 108.5 325.3

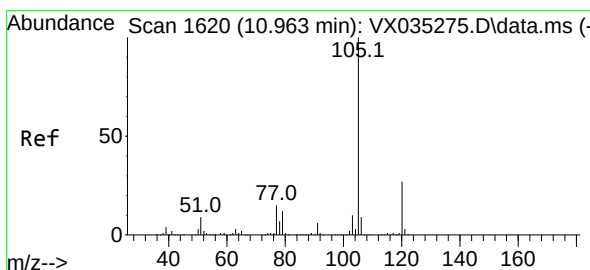
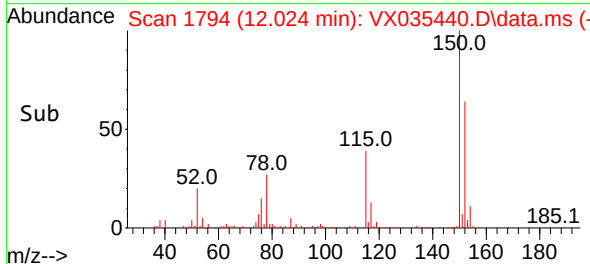
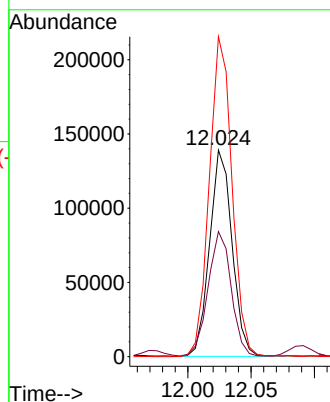
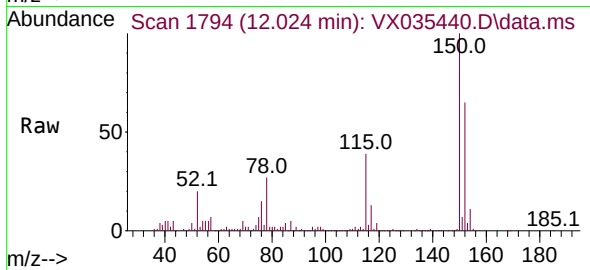




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035440.D
 Acq: 01 May 2023 15:08

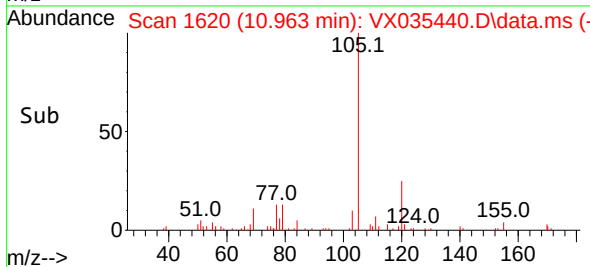
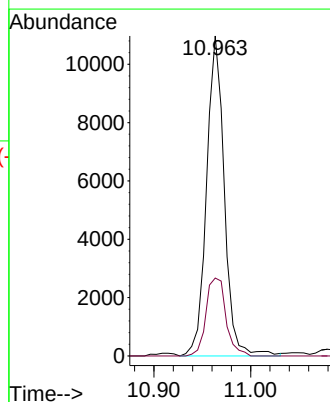
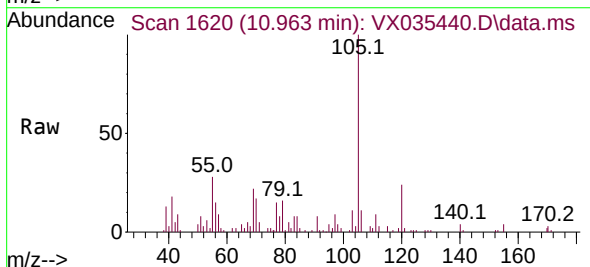
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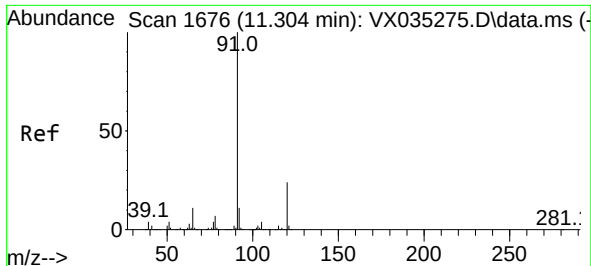
Tgt Ion:152 Resp: 171813
 Ion Ratio Lower Upper
 152 100
 115 62.5 45.0 135.0
 150 157.1 0.0 352.4



#73
 Isopropylbenzene
 Concen: 1.118 ug/l
 RT: 10.963 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: VX035440.D
 Acq: 01 May 2023 15:08

Tgt Ion:105 Resp: 14043
 Ion Ratio Lower Upper
 105 100
 120 27.4 13.3 39.9

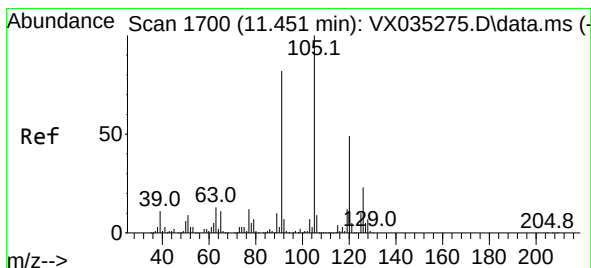
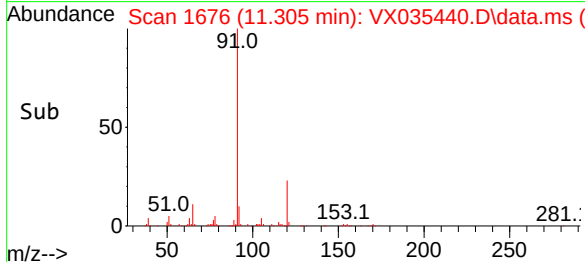
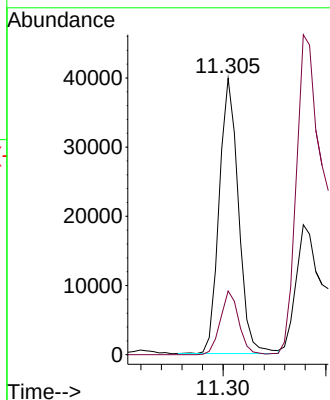
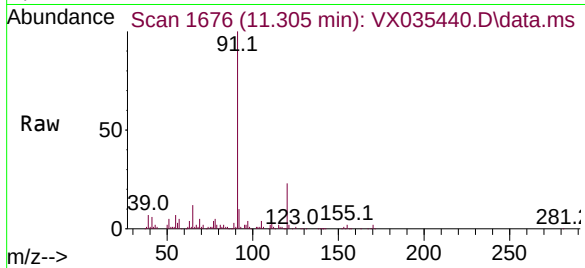




#78
n-propylbenzene
Concen: 3.583 ug/l
RT: 11.305 min Scan# 1
Delta R.T. 0.001 min
Lab File: VX035440.D
Acq: 01 May 2023 15:08

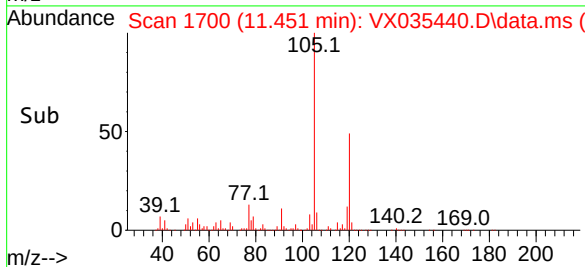
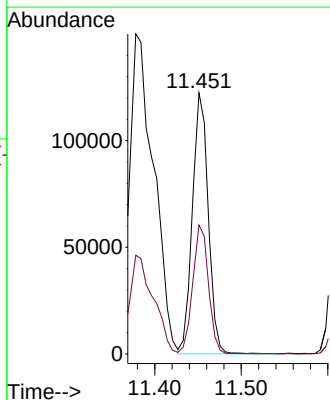
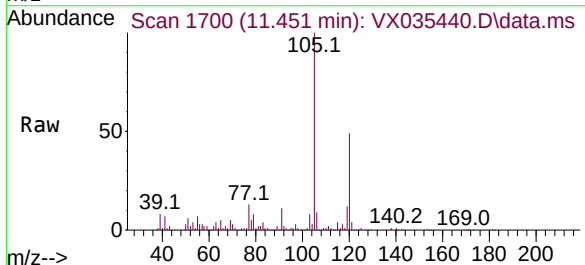
Instrument :
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P001-SS012-0006-01

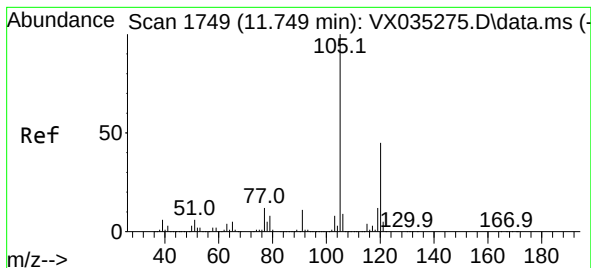
Tgt Ion: 91 Resp: 51684
Ion Ratio Lower Upper
91 100
120 22.2 11.5 34.5



#80
1,3,5-Trimethylbenzene
Concen: 14.635 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035440.D
Acq: 01 May 2023 15:08

Tgt Ion: 105 Resp: 154982
Ion Ratio Lower Upper
105 100
120 49.1 23.7 71.1





#84

1,2,4-Trimethylbenzene

Concen: 39.772 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.007 min

Lab File: VX035440.D

Acq: 01 May 2023 15:08

Instrument :

MSVOA_X

ClientSampleId :

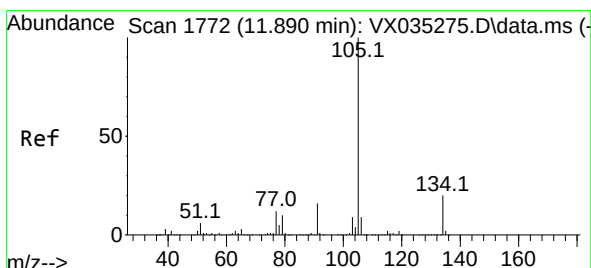
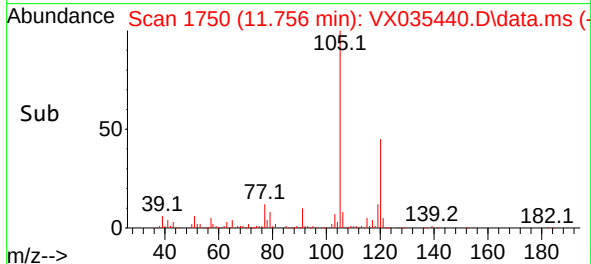
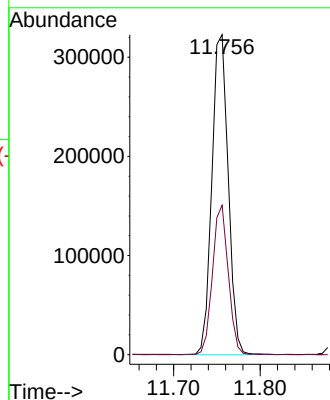
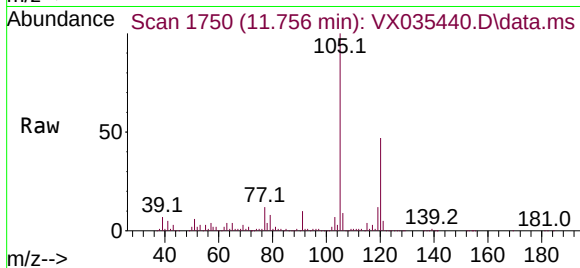
P001-SS012-0006-01

Tgt Ion:105 Resp: 423189

Ion Ratio Lower Upper

105 100

120 45.2 22.4 67.0



#85

sec-Butylbenzene

Concen: 3.134 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX035440.D

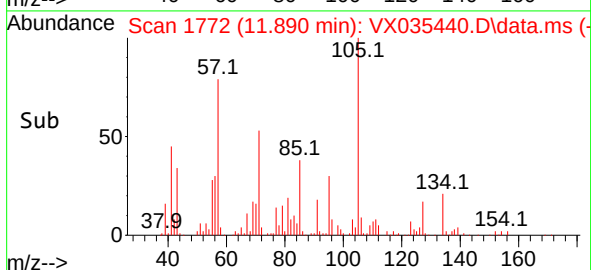
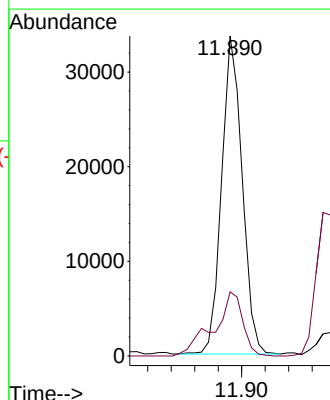
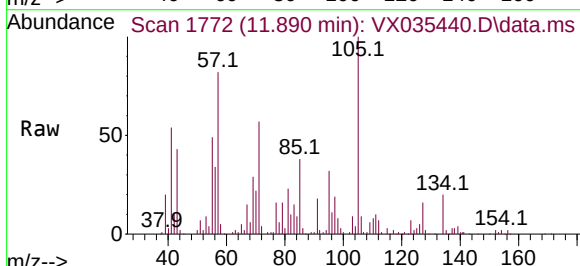
Acq: 01 May 2023 15:08

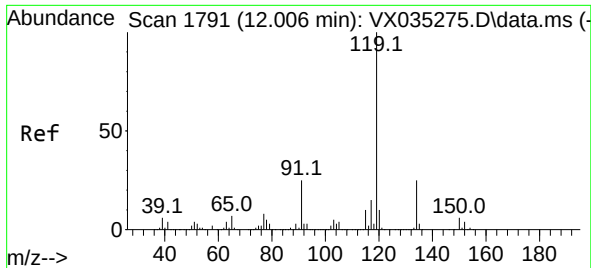
Tgt Ion:105 Resp: 40853

Ion Ratio Lower Upper

105 100

134 28.4 10.2 30.4





#86
 p-Isopropyltoluene
 Concen: 3.408 ug/l
 RT: 12.012 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX035440.D
 Acq: 01 May 2023 15:08

Instrument :
 MSVOA_X
 ClientSampleId :
 P001-SS012-0006-01

Tgt Ion:	119	Resp:	37777
Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.2	39.5
91	24.6	12.9	38.7

